

Appl. No. 10/730,673

Examiner: BLUOIN, MARK S, Art Unit 2653

In response to the Office Action dated September 29, 2005

Date: September 29, 2005

Attorney Docket No. 10113431

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

Claims 1 (currently amended): An optical disk clamping device, comprising:

- a ~~diamagnetic~~ magnetic member;
- a turntable supporting an optical disk;
- a magnet disposed between the ~~diamagnetic~~ magnetic member and the turntable; and
- a clamping member disposed on the turntable to support the magnet, wherein a repellent magnetic force is generated between the ~~diamagnetic~~ magnetic member and the magnet by rotating the turntable when the turntable rotates, the repellent magnetic force pushing making the magnet pushes toward the clamping member to fix the optical disk, and the repellent magnetic force ceases when the turntable stops rotating.

Claim 2 (original): The optical disk clamping device as claimed in claim 1, wherein the turntable comprises a positioning portion for supporting the clamping member.

Claim 3 (currently amended): The optical disk clamping device as claimed in claim 2, wherein the positioning portion defines a channel and the clamping member is a steel ball, rotatably limited between the magnet and the channel, and the repellent force is generated between the ~~diamagnetic~~ magnetic member and the magnet when the turntable rotates, pushing part of the steel ball beyond the channel to fix the optical disk.

Claim 4 (original): The optical disk clamping device as claimed in claim 3, wherein the width of the channel is smaller than the diameter of the steel ball such that the steel ball partly protrudes beyond the channel.

Claim 5 (original): The optical disk clamping device as claimed in claim 1, further comprising a shaft and a retaining washer, wherein the shaft passes through the magnet and the turntable, and the retaining washer connects to the shaft to restrain the magnet.

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Claim 6 (original): The optical disk clamping device as claimed in claim 5, wherein the shaft defines a groove for seating the retaining washer.

Claim 7 (currently amended): The optical disk clamping device as claimed in claim 2, wherein the clamping member is an elastic member, and the repellent magnetic force is generated between the magnetic ~~diamagnetic~~ member and the magnet when the turntable rotates, deforming the elastic member to clamp the optical disk.

Claim 8 (currently amended): The optical disk clamping device as claimed in claim 1, wherein the ~~diamagnetic~~ magnetic member is an aluminum member.

Claim 9 (original): The optical disk clamping device as claimed in claim 1, wherein the turntable further comprises a pad to support the optical disk.

Claim 10 (currently amended): An optical disk clamping device, comprising:

a magnet;

a turntable supporting an optical disk;

a ~~diamagnetic~~ magnetic member disposed between the magnet and the turntable; and

a clamping member disposed on the turntable to support the ~~diamagnetic~~ magnetic member, wherein repellent magnetic force is generated between the ~~diamagnetic~~ magnetic member and the magnet by rotating the turntable when the turntable rotates, the repellent magnetic force pushing the magnetic member making the diamagnetic member pushes toward the clamping member to fix the optical disk, and the repellent magnetic force ceases when the turntable stops rotating.

Claim 11 (original): The optical disk clamping device as claimed in claim 10, wherein the turntable comprises a positioning portion to support the clamping member.

Claim 12 (currently amended): The optical disk clamping device as claimed in claim 11, wherein the positioning portion defines a channel and the clamping member is a steel ball, rotatably limited between the ~~diamagnetic~~ magnetic member and the channel, and the repellent

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force is generated between the diamagnetic magnetic member and the magnet when the turntable rotates, pushing part of the steel ball beyond the channel to fix the optical disk.

Claim 13 (original): The optical disk clamping device as claimed in claim 12, wherein the width of the channel is smaller than the diameter of the steel ball such that the steel ball partly protrudes beyond the channel.

Claim 14 (currently amended): The optical disk clamping device as claimed in claim 10, further comprising a shaft and a retaining washer, wherein the shaft passes through the diamagnetic magnetic member and the turntable, and the retaining washer connects to the shaft to restrain the diamagnetic magnetic member.

Claim 15 (original): The optical disk clamping device as claimed in claim 14, wherein the shaft defines a groove seating the retaining washer.

Claim 16 (currently amended): The optical disk clamping device as claimed in claim 11, wherein the clamping member is an elastic member, and the repellent force is generated between the diamagnetic magnetic member and the magnet when the turntable rotates, deforming the elastic member to clamp the optical disk.

Claim 17 (currently amended): The optical disk clamping device as claimed in claim 10, wherein the diamagnetic magnetic member is an aluminum member.

Claim 18 (original): The optical disk clamping device as claimed in claim 10, wherein the turntable further comprises a pad to support the optical disk.

Claim 19 (new): The optical disk clamping device as claimed in claim 1, wherein the magnetic member comprises a material in which a repelling magnetic field is induced when the magnet is rotated relative to the magnetic member.

Claim 20 (new): The optical disk clamping device as claimed in claim 19, wherein the magnetic member is diamagnetic.

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Claim 21 (new): The optical disk clamping device as claimed in claim 10, wherein the magnetic member comprises a material in which a repelling magnetic field is induced when the magnetic member is rotated relative to the magnet.

Claim 22 (new): The optical disk clamping device as claimed in claim 21, wherein the magnetic member is diamagnetic.